

C F C RECLAMATION AND RECYCLING SERVICE INC -- HEXANE -- 6830-01-303-4937

=====
Product Identification
=====

Product ID:HEXANE

MSDS Date:01/01/1995

FSC:6830

NIIN:01-303-4937

Status Code:A

MSDS Number: CHZBR

=== Responsible Party ===

Company Name:C F C RECLAMATION AND RECYCLING SERVICE INC

Address:318 N TREADAWAY

Box:560

City:ABILENE

State:TX

ZIP:79604

Country:US

Info Phone Num:9150-675-5311 FAX

: 915-675-5324

Emergency Phone Num:9150-675-5311 FAX: 915-675-5324

CAGE:0XXK5

=== Contractor Identification ===

Company Name:C F C RECLAMATION AND RECYCLING SERVICE INC

Address:318 N TREADAWAY

Box:560

City:ABILENE

State:TX

ZIP:79604

Country:US

Phone:9150-675-5311 FAX: 915-675-5324

CAGE:0XXK5

=====
Composition/Information on Ingredients
=====

Ingred Name:HEXANE (N-HEXANE) (CERCLA)

CAS:110-54-3

RTECS #:MN9275000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5

00 PPM
ACGIH TLV:50 PPM; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

=====
Hazards Identification
=====

LD50 LC50 Mixture:OSHA 1993 PEL (8HR TWA)=500 MOLAR PPM
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CAUSES HARM TO THE NERVOUS SYSTEM WHICH PRODUCES A LACK OF FEELING IN THE EXTREMITIES AND OTHER NERVE DAMAGE. IT CAN BE ABSORBED THROUGH THE SKIN IN HARMFUL AMOUNTS.
Explanation of Carcinogenicity:HEXANE IS NOT LISTED IN THE IARC, NTP OR BY OSHA AS A CARCINOGEN OR POTENTIAL CARCINOGEN.
Effects of Overexposure:INHALATION OF THE VAPOR CAUSES DIZZINESS, DIFFICULTY IN WALKING, RESPIRATORY TRACT IRRITATION, NUMBNESS OF THE EXTREMITIES, AND EVENTUAL PARALYSIS. IT IS AN IRRITANT TO THE SKIN AND EYES.
Medical Cond Aggravated by Exposure:PERSONS IN ILL HEALTH WHERE SUCH ILLNESS WOULD BE AGGRAVATED BY EXPOSURE TO HEXANE SHOULD NOT BE ALLOWED TO WORK WITH OR HANDLE THIS PRODUCT.

=====
First Aid Measures
=====

First Aid:PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES.
INHALATION-CONSCIOUS PERSON SHOULD BE ASSISTED TO AN UNCONTAMINATED AREA & INHALE FRESH AIR. QUICK REMOVAL IS IMPORTANT. UNCONSCIOUS PERSON SHOULD BE REMOVED, GIVEN ASSISTED RESPIRATION & SUPPLEMENTAL OXYGEN. EYE-FLUSH WITH COPIOUS QUANTITIES OF WATER. CONTINUE FOR 15 MIN. SKIN-FLUSH AREAS WITH COPIOUS AMOUNTS OF WATER. REMOVE CLOTHING RAPIDLY.

=====
Fire Fighting Measures
=====

Flash Point:-7F,-22C
Lower Limits:1.7
Upper Limits:7.7
Extinguishing Media:WATER (FOAM), DRY CHEMICAL, CARBON DIOXIDE.
Fire Fighting Procedures:IF POSSIBLE, STOP FLOW OF HEXANE. USE WATER SPRAY TO COOL SURROUNDING CONTAINERS.
Unusual Fire/Explosion Hazard:NONE.

=====
Accidental Release Measures
=====

Spill Release Procedures:EVACUATE ALL PERSONNEL

FROM AFFECTED AREA. USE

APPROPRIATE PROTECTIVE EQUIPMENT. IF LEAK IS IN USER'S EQUIPMENT, BE CERTAIN TO PURGE PIPING WITH AN INERT GAS PRIOR TO ATTEMPTING REPAIR. IF LEAK IS IN CONTAINER VALVE, CONTACT YOUR CLOSEST SUPPLIER.

Neutralizing Agent:NONE.

==== Handling and Storage =====

Handling and Storage Precautions:PROTECT CYLINDER FROM PHYSICAL DAMAGE. STORE IN COOL, DRY, WELL-VENTILATED AREA OF NONCOMBUSTIBLE CONTRSUCTION AWAY FROM HEAVILY TRAFFICKED AREAS.

Other Precautions:DO NOT ALLOW THE TEMPERATURE WHERE CYLINDERS ARE STORED TO EXCEED 125F. CYLINDERS SHOULD BE STORED UPRIGHT AND FIRMLY SECURED TO PREVENT FALLING OR BEING KNOCKED OVER. FULL AND EMPTY CONTAINERS SHOULD BE SEGREGATED.

==== Exposure Controls/Personal Protection =====

Respiratory Protection:POSITIVE PRESSURE AIR LINE WITH MASK OR SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE.

Ventilation:HOOD WITH FORCED VENTILATION. LOCAL EXHAUST TO PREVENT

ACCUMULATION ABOVE TWA. MECHANICAL IN ACCORDANCE WITH ELECTRIC.

Protective Gloves:BUTYL RUBBER, PVC, POLYETHYLENE.

Eye Protection:SAFETY GOGGLES OR GLASSES.

Other Protective Equipment:SAFETY SHOES, SAFETY SHOWER, EYEWASH FOUNTAIN.

Work Hygienic Practices:WASH AFTER HANDLING.

Supplemental Safety and Health
FLAMMABLE LIQUID.

==== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:156F,69C

Vapor Pres:2.5

Vapor Densit

y:-140F

Spec Gravity:3

Evaporation Rate & Reference:0.1 (ETHYL ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID WITH MILD ODOR.

==== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXYGEN, OTHER OXIDIZERS.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:NONE.

==== Disposal Considerations =====

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF WASTE OR U

NUSED

QUANTITIES. RETURN IN THE SHIPPING CONTAINER PROPERLY LABELED, WITH ANY VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE PROTECTION CAP IN PLACE TO YOUR SUPPLIER.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any

person utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.